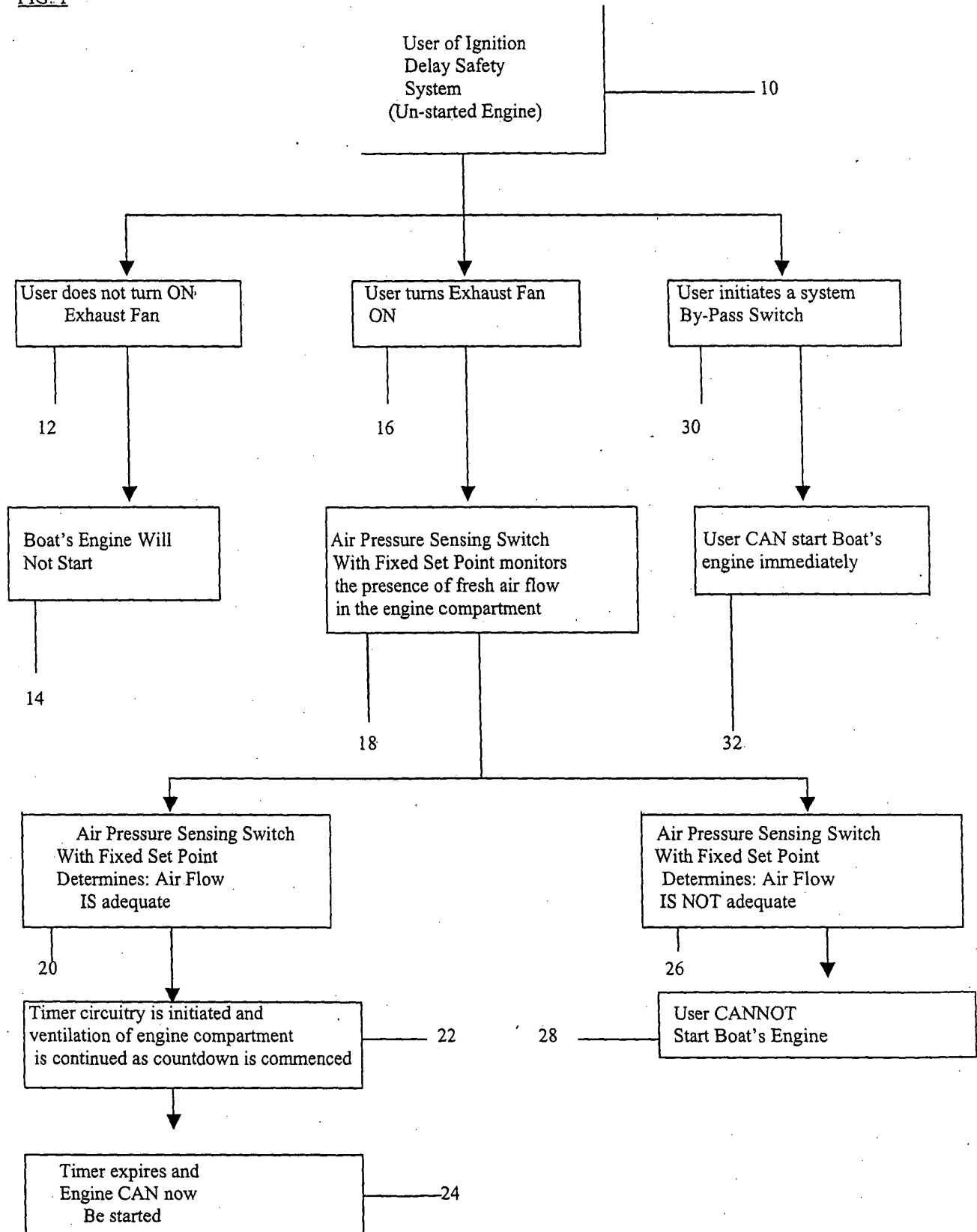
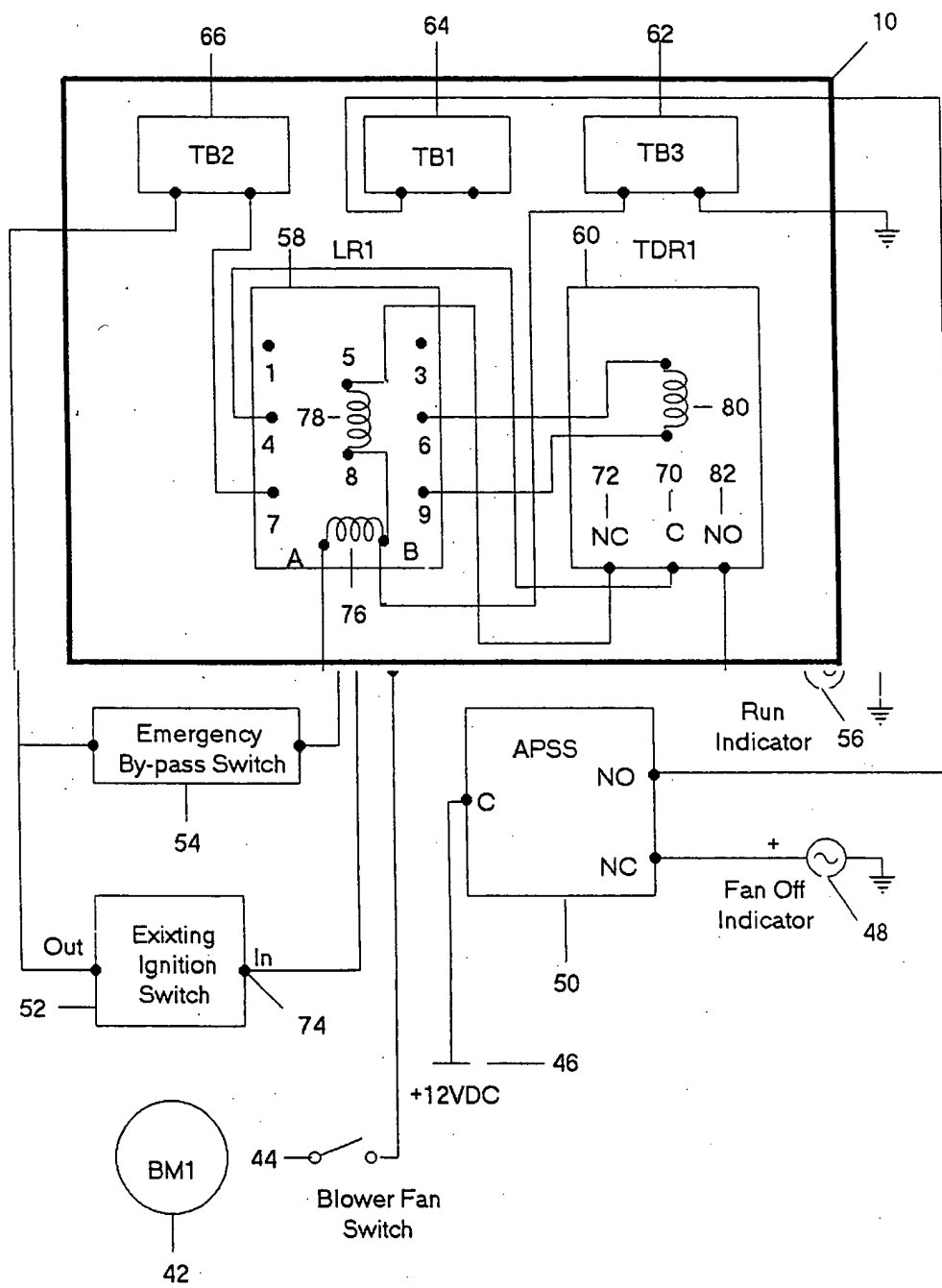


FIG. 1





**FIG. 2**

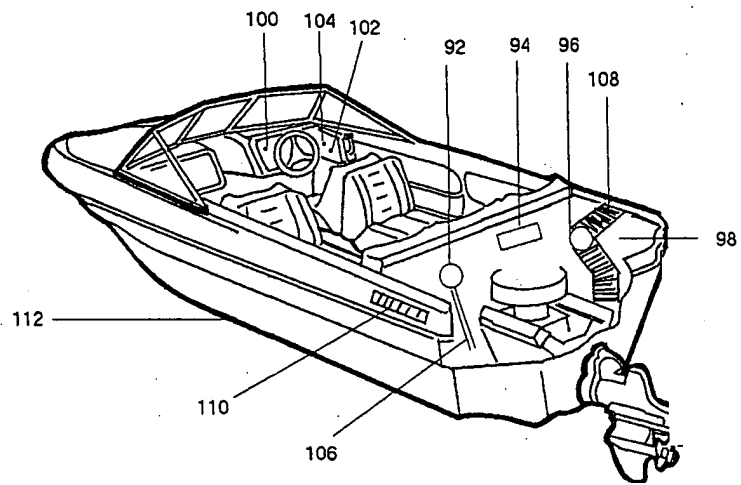
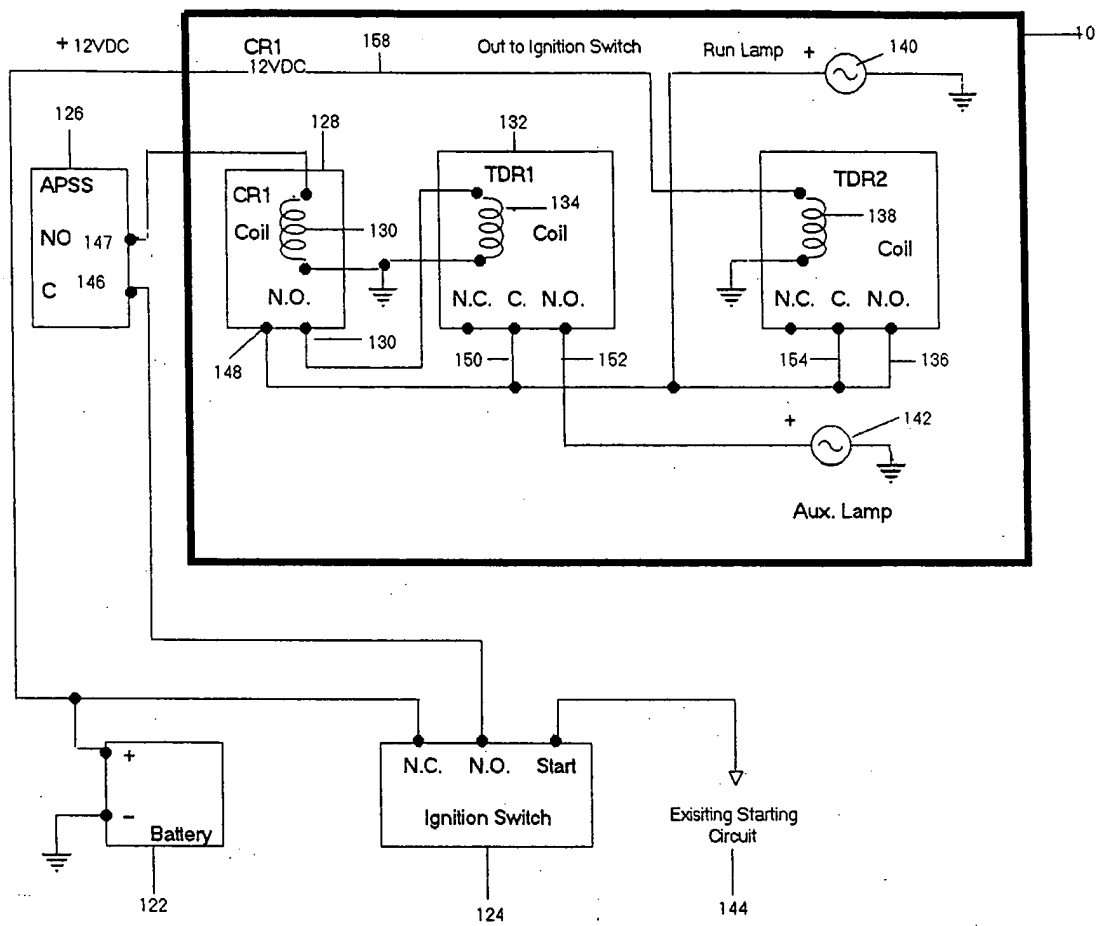
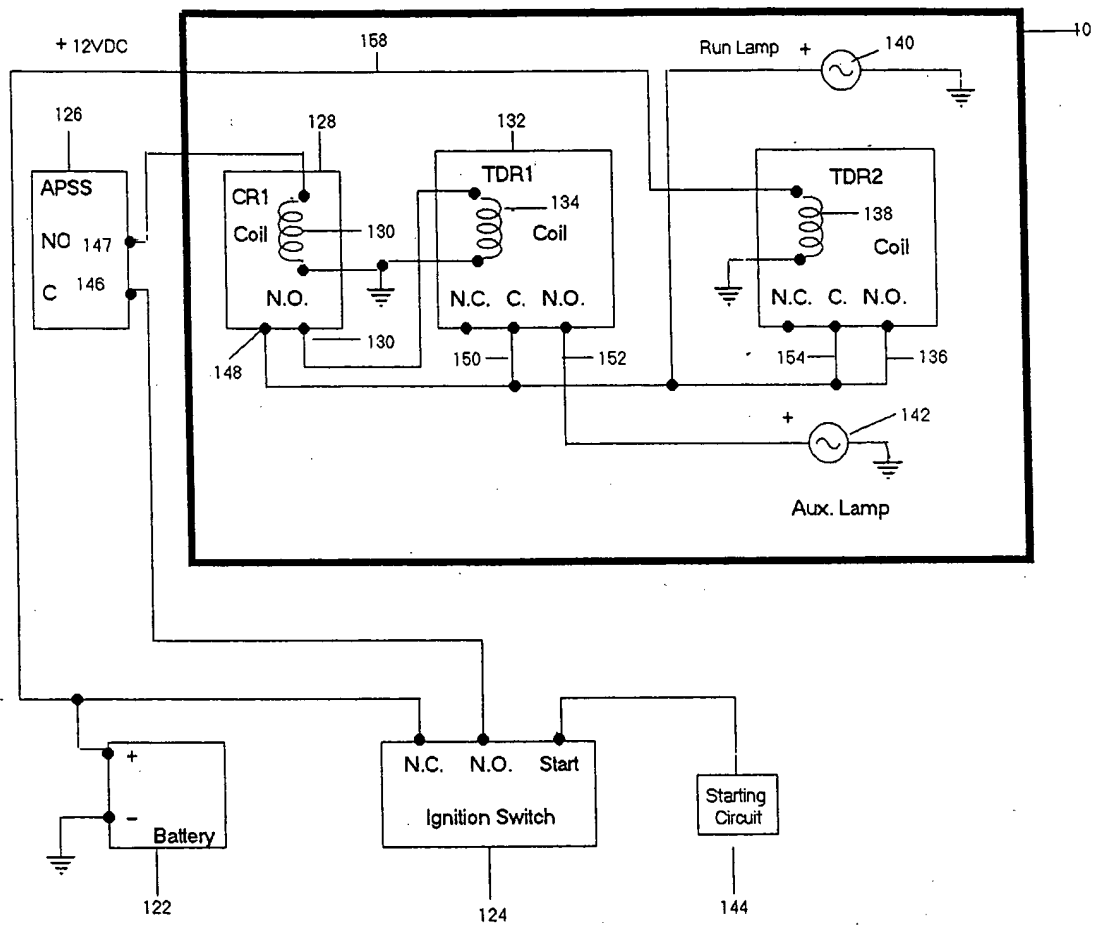


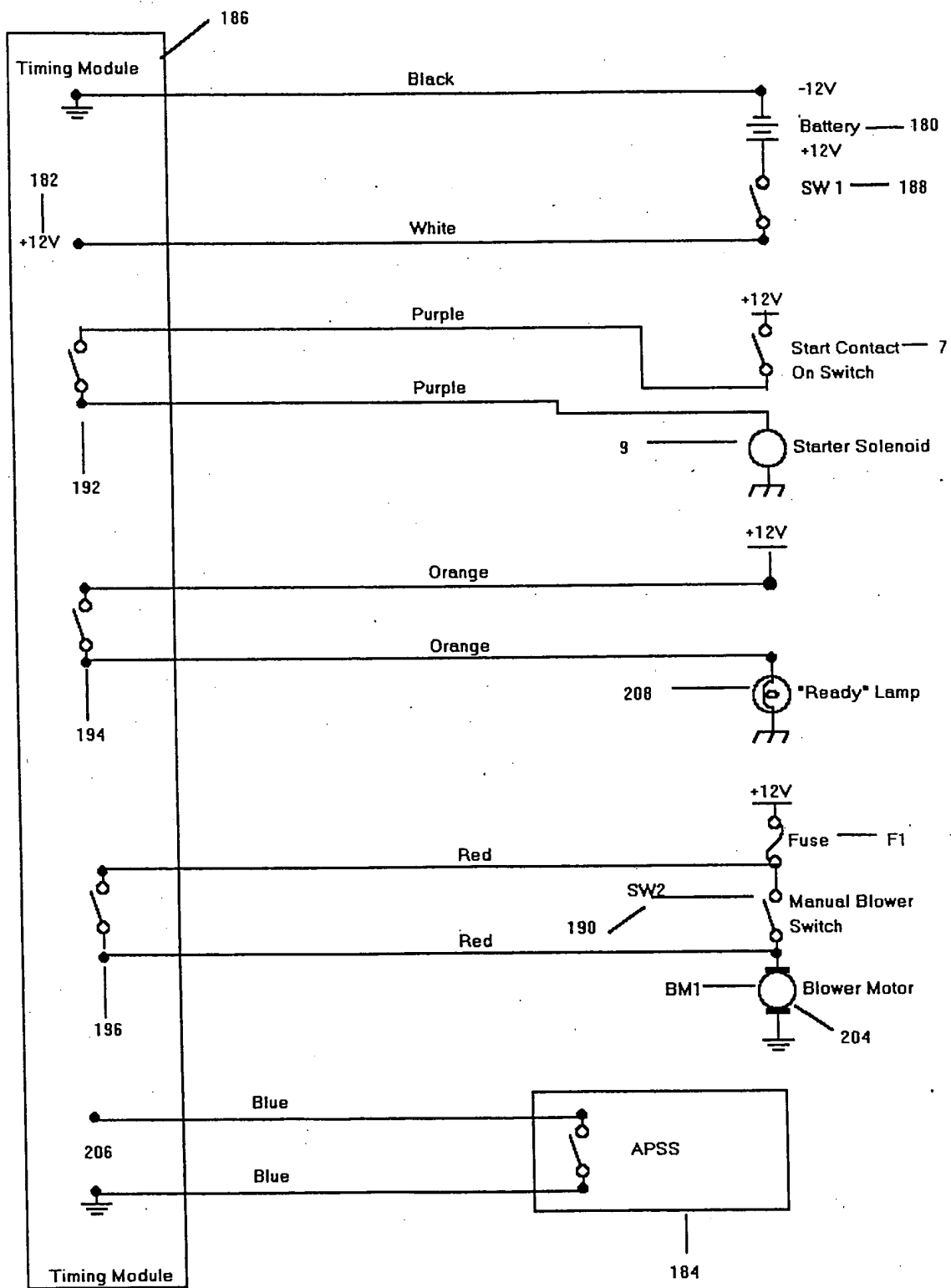
FIG.3



**FIG. 4**



**FIG. 5**



**FIG. 6**

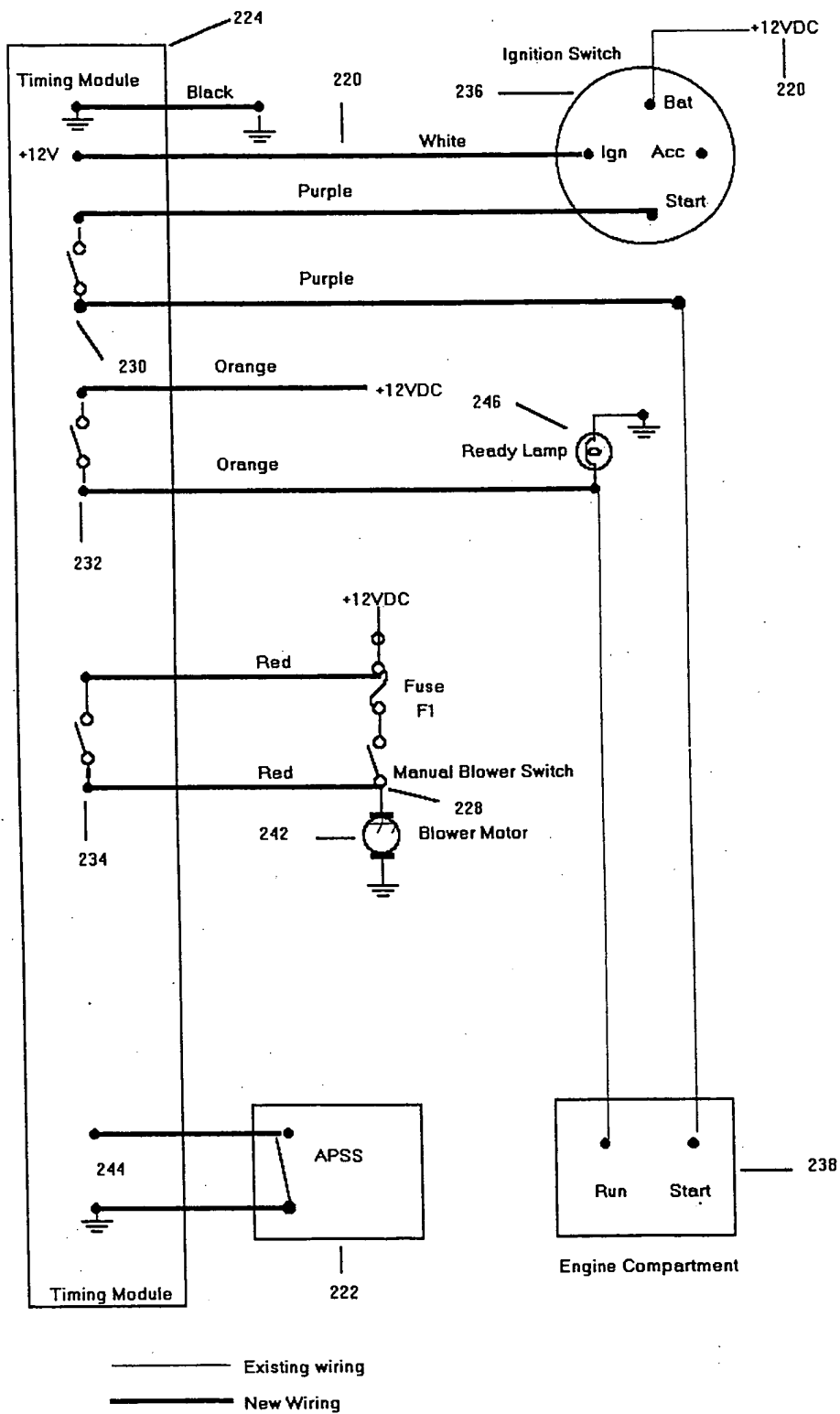
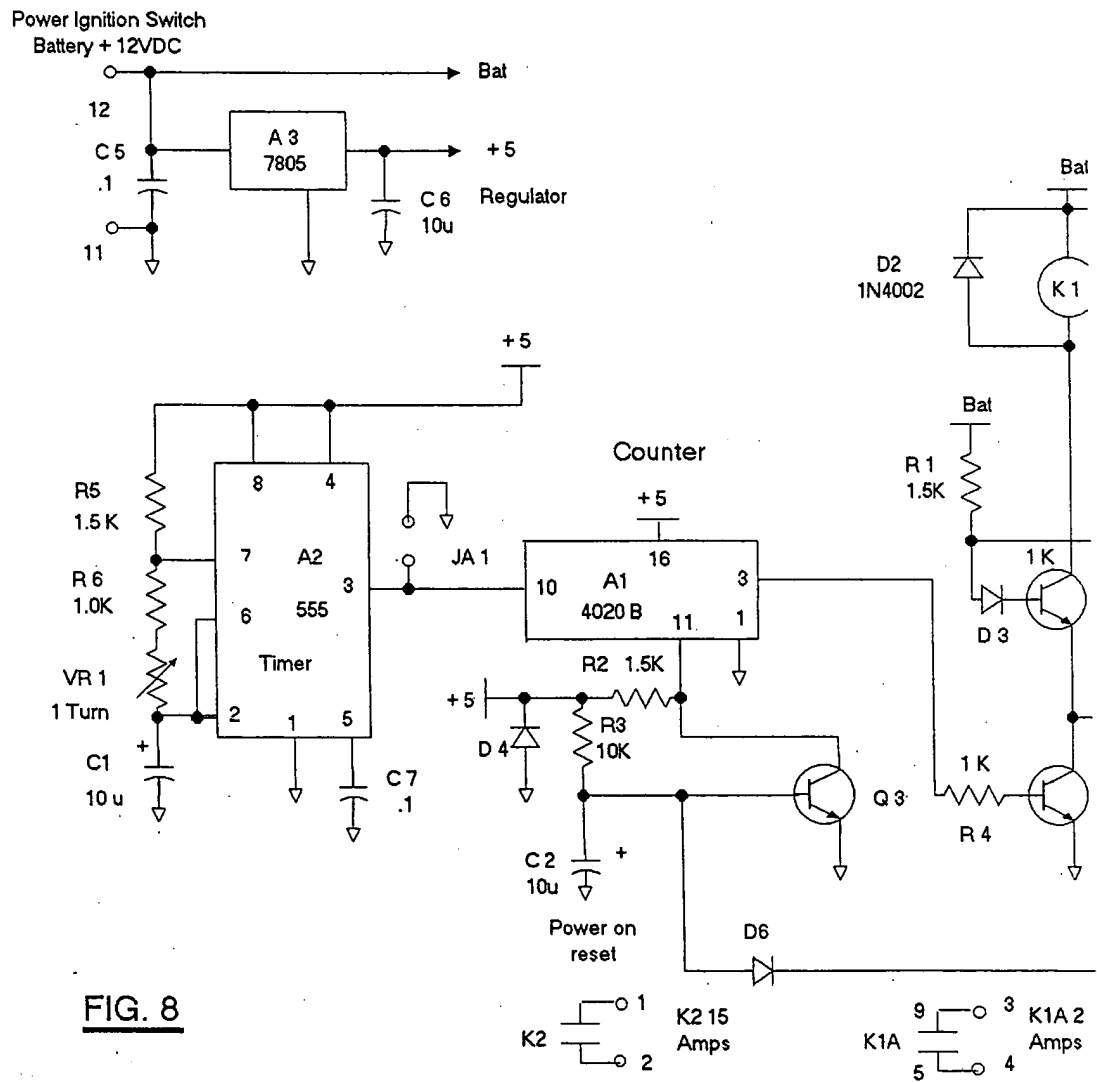
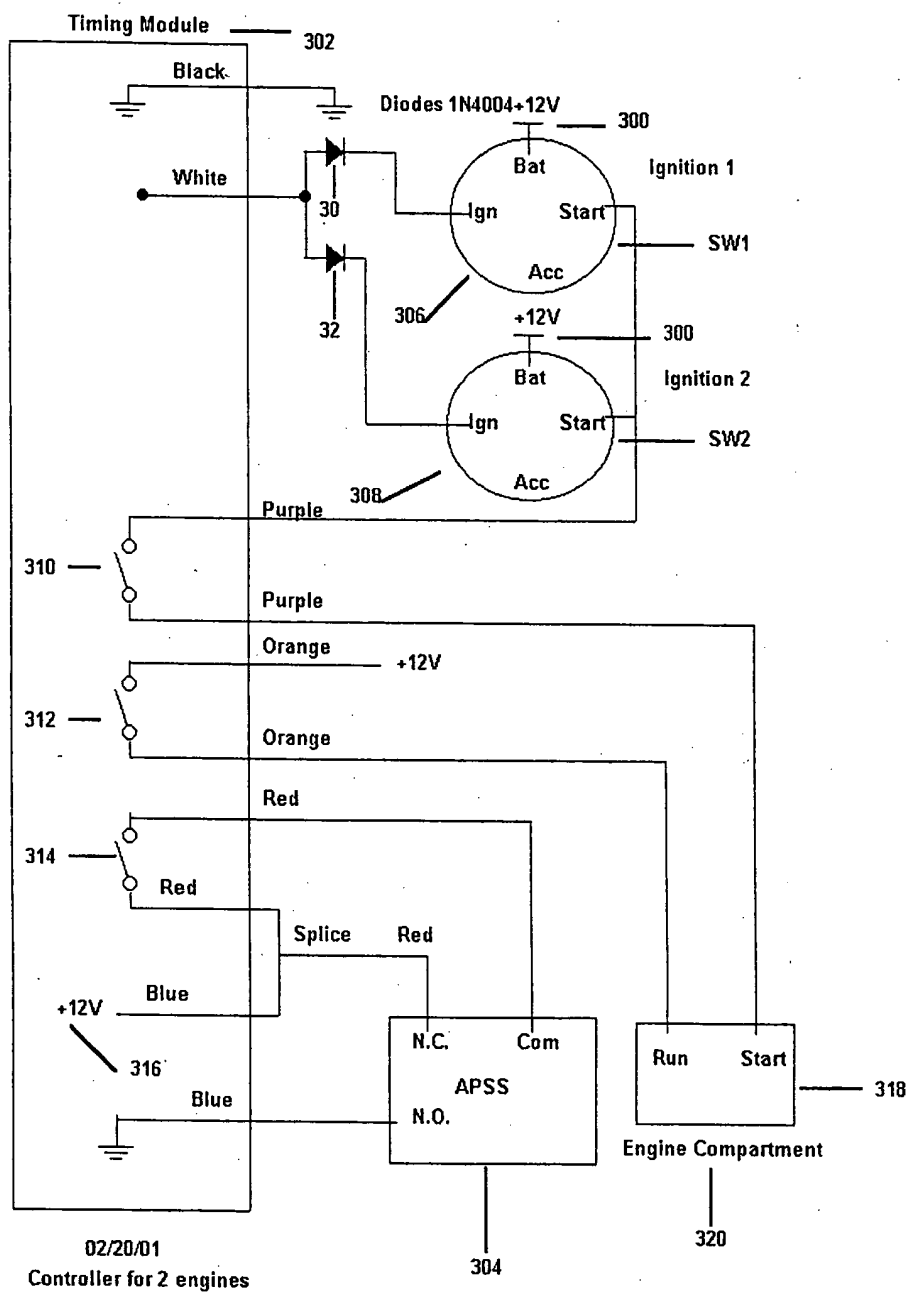


Fig. 7



**FIG. 8**





**Fig. 9**

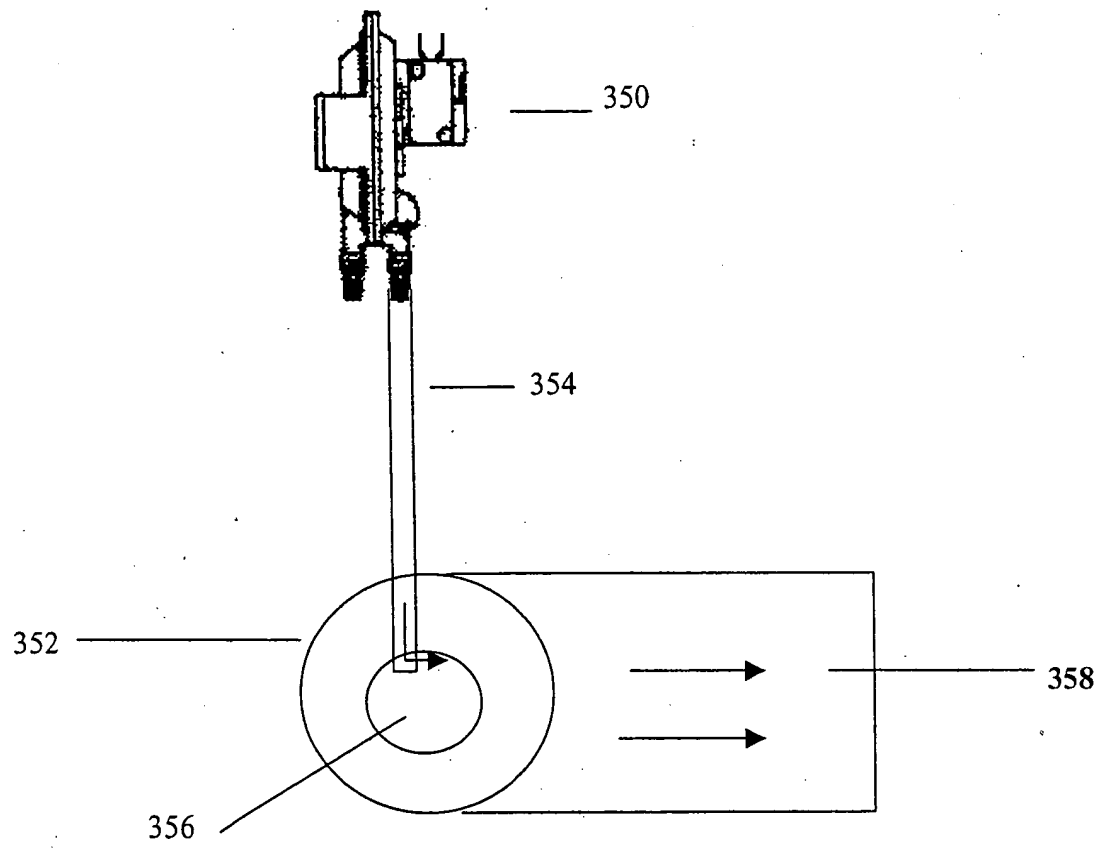
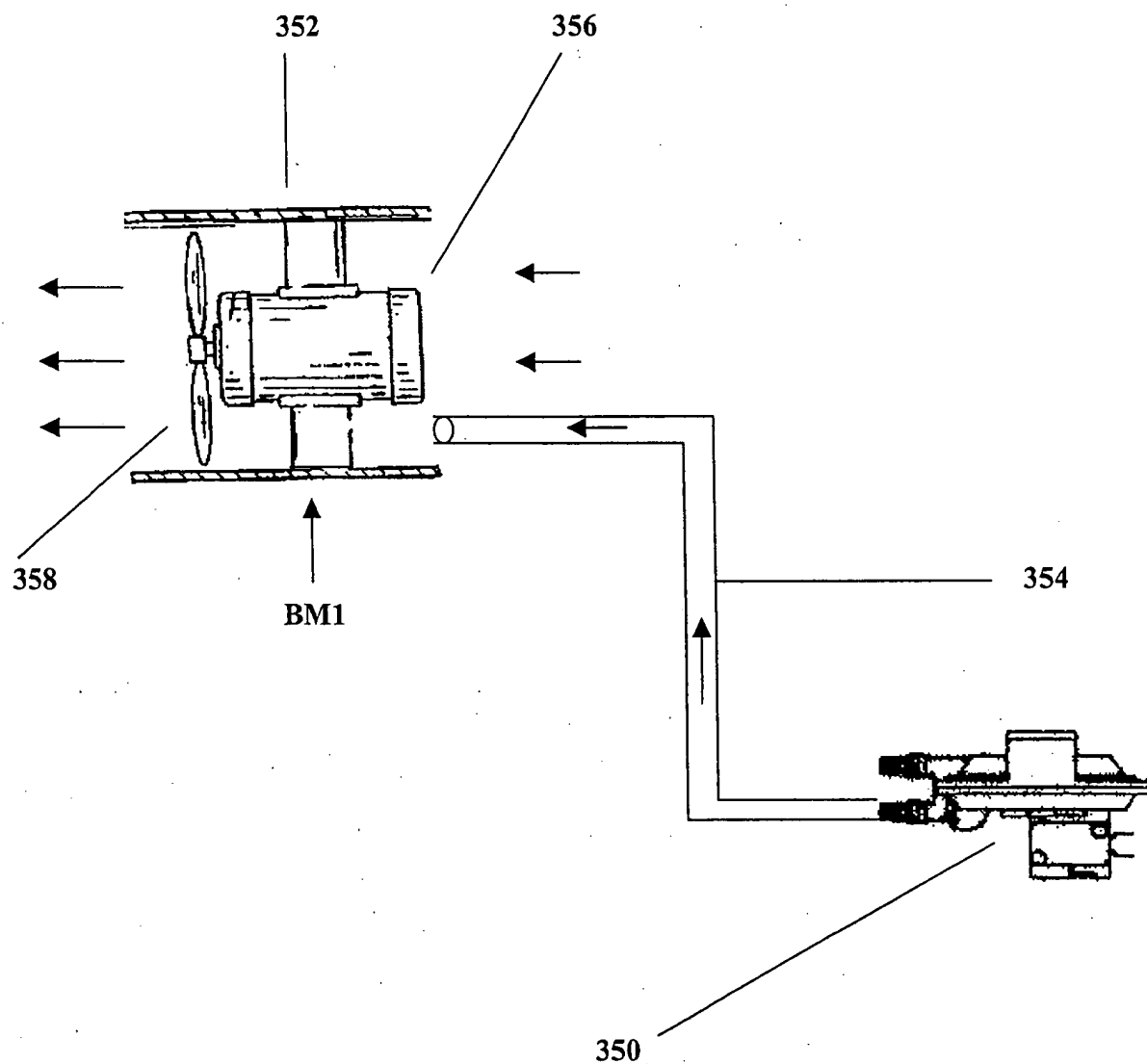


Fig. 10



**Fig. 11**

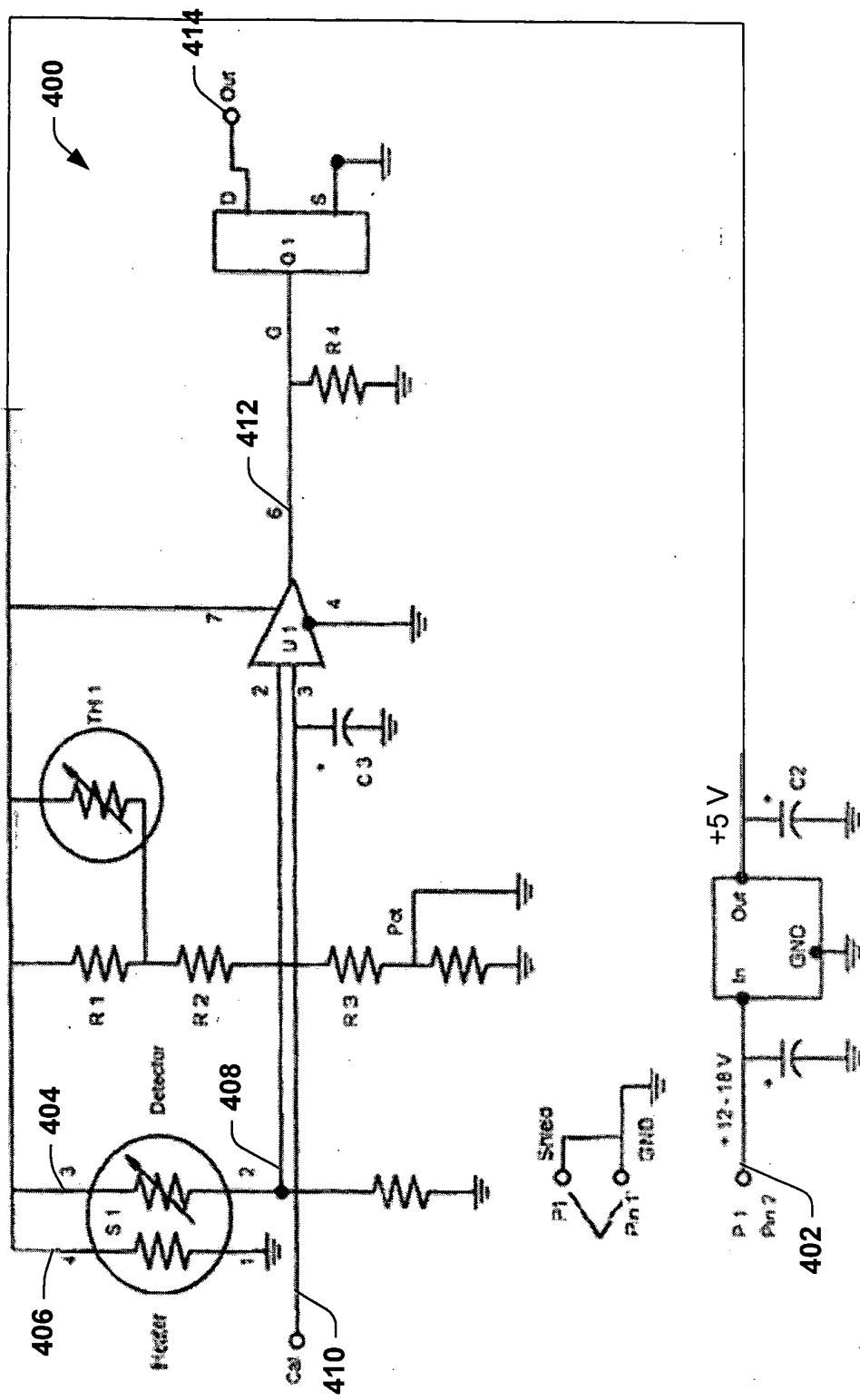


FIG. 12

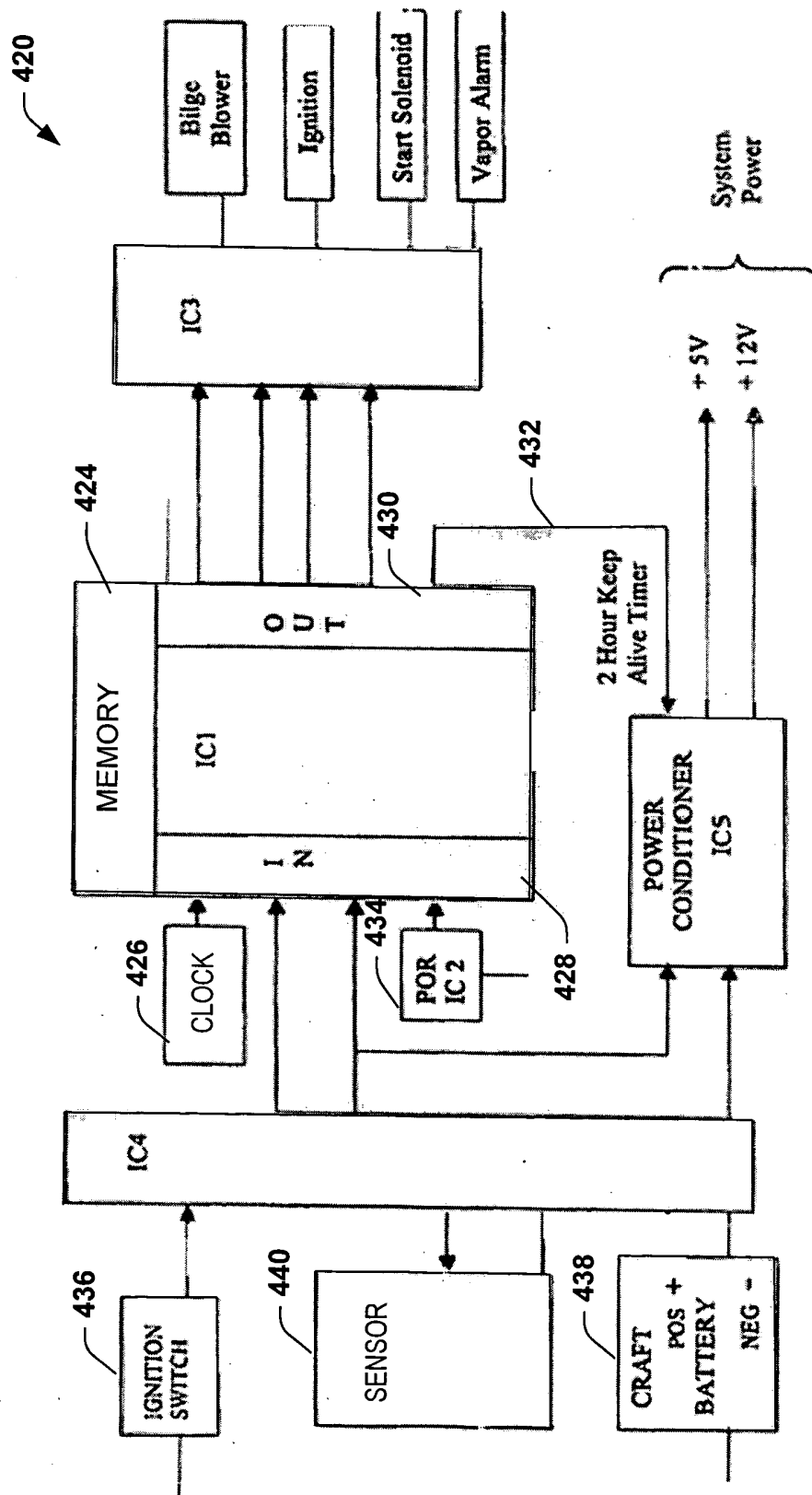


FIG. 13

START (ctd)

All software timers are reset

Furne sensor begins initial warm up.

(R1) Re-enter point 1 ( five inputs)

1 S  
IGNITION

ON ? → (NO) → Via IC3 → Turn OFF blower & vapor alarm light  
DISABLE ignition & starter

(YES)

Reset 2 hour timer

1 S  
VAPOR  
PRESENT ? → (NO)

→ Via IC3: Enable Ignition & Starter.  
Turn OFF Vapor alarm light.

(YES)

Disable starter, turn blower ON  
Reset blower timer

1 S  
BLOWER TIMER

DONE ? → (NO) BLWR TMR ++

(YES)

Turn blower off  
(R1)

IS FULL ALARM

TIMER DONE ? → (YES) BLINK vapor Alarm Light

NO

Full alarm timer ++  
Turn ON Vapor Alarm Light

(R1)

FIG. 14